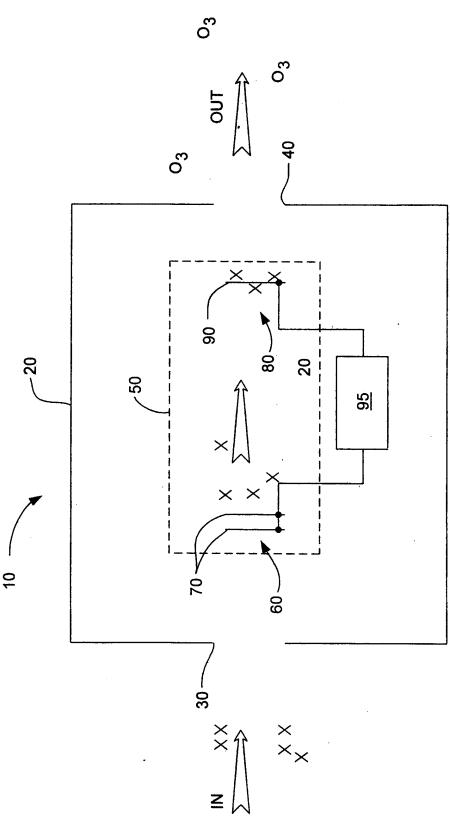
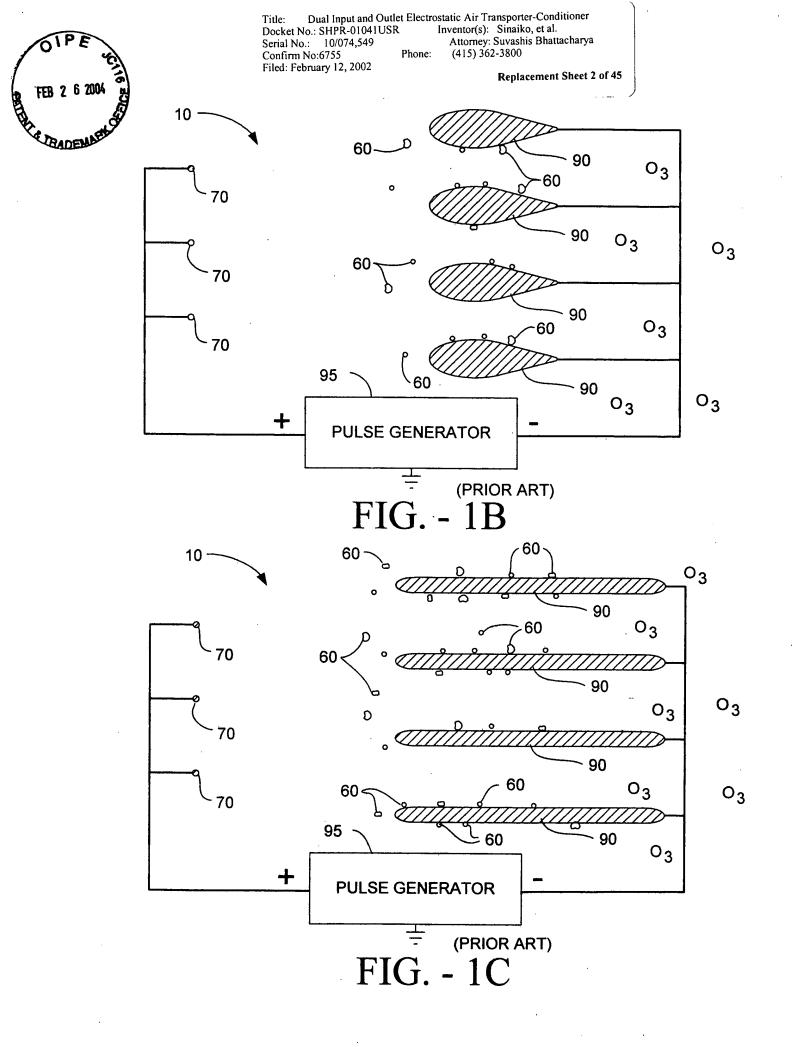
Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner
Docket No.: SHPR-01041USR
Serial No.: 10/074,549
Confirm No:6755
Phone: (415) 362-3800
Filed: February 12, 2002

Replacement Sheet 1 of 45





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Dual Input and Outlet Electrostatic Air Transporter-Conditioner Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al. Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya

Confirm No:6755 Phone: (415) 362-3800

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Replacement Sheet 3 of 45

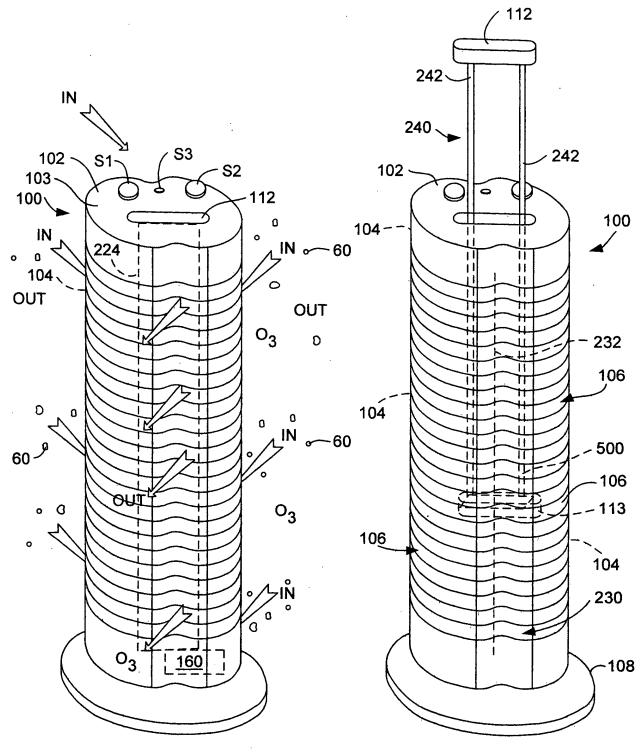


FIG. - 2A

FIG. - 2B

FEB 2 6 2004

Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner
Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al.
Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya
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Filed: February 12, 2002

Replacement Sheet 4 of 45

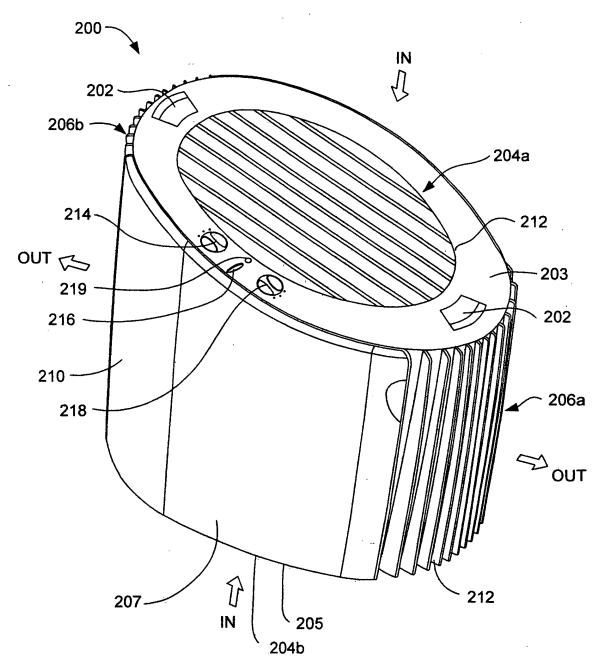
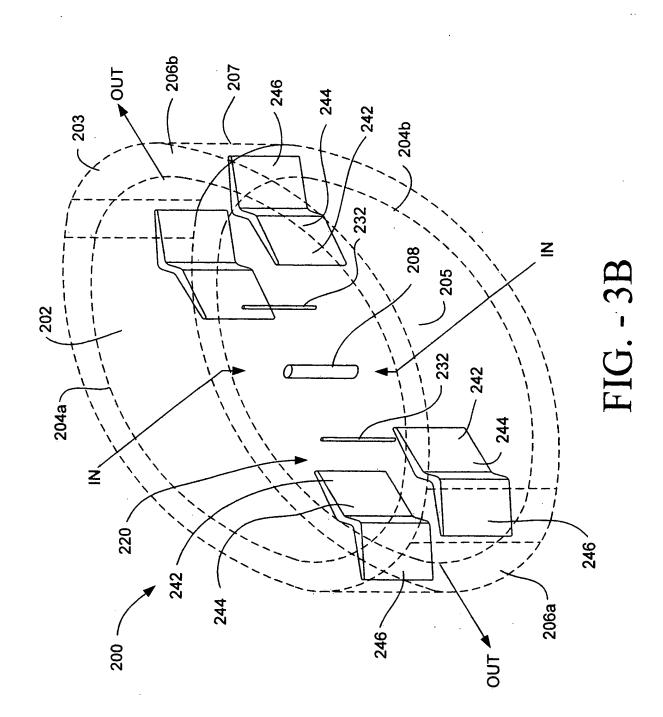
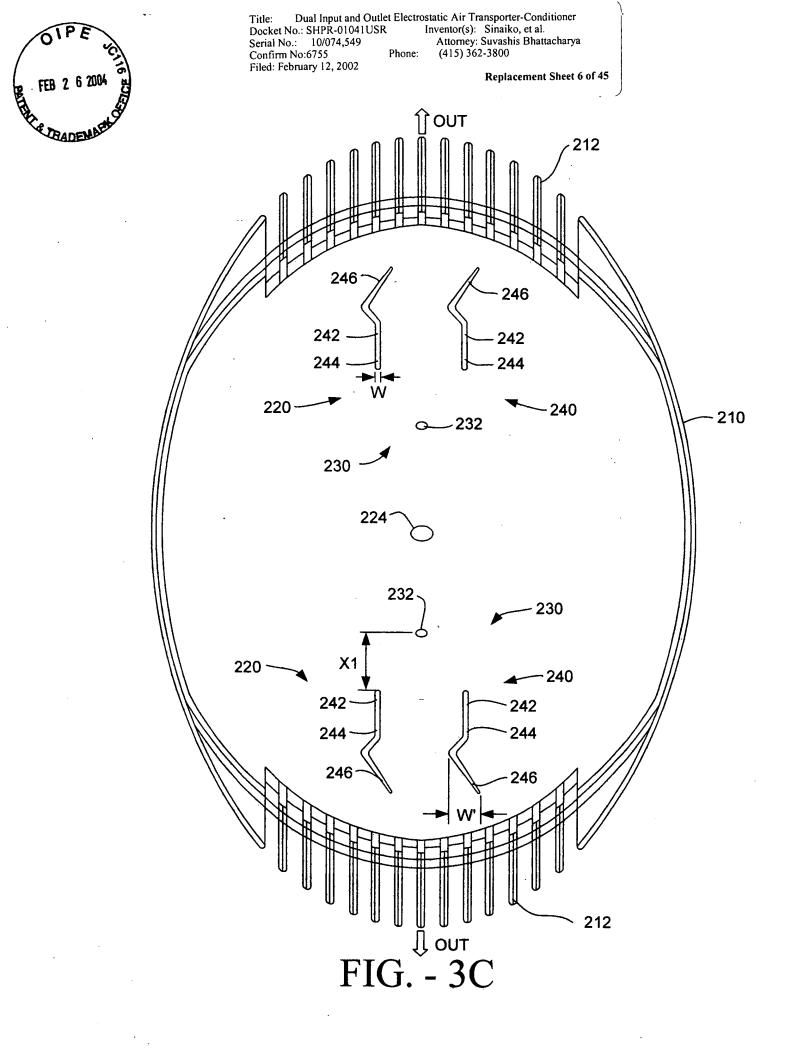


FIG. - 3A



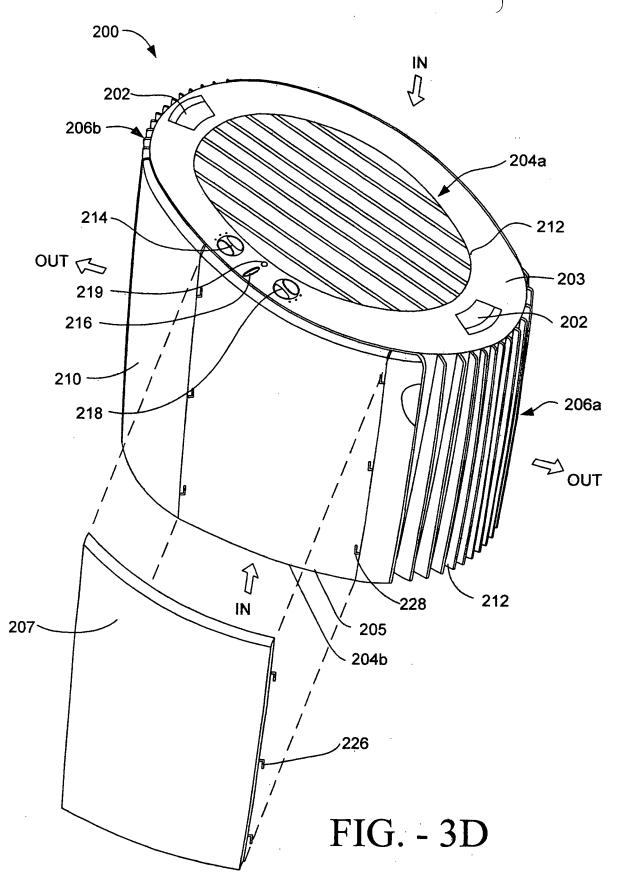
Replacement Sheet 5 of 45





Confirm No:6755 Filed: February 12, 2002

Replacement Sheet 7 of 45





Filed: February 12, 2002

Replacement Sheet 8 of 45

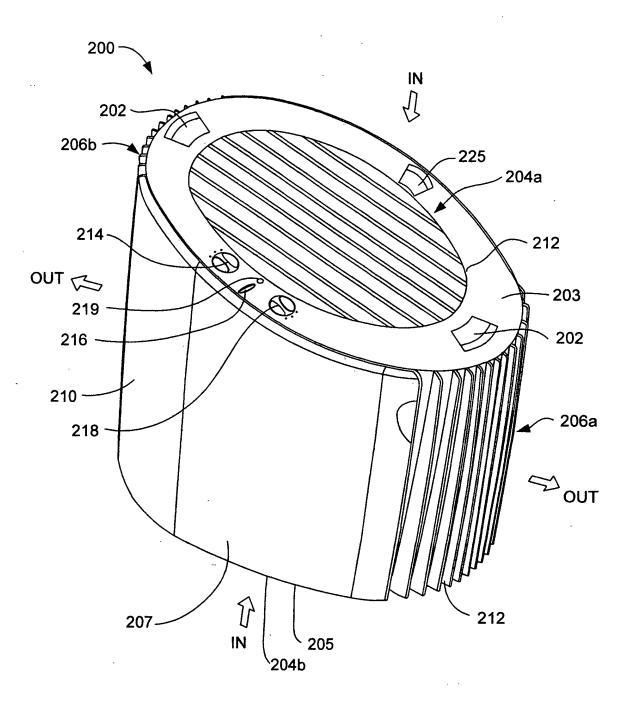


FIG. - 3E

Confirm No:6755 Filed: February 12, 2002

Replacement Sheet 9 of 45

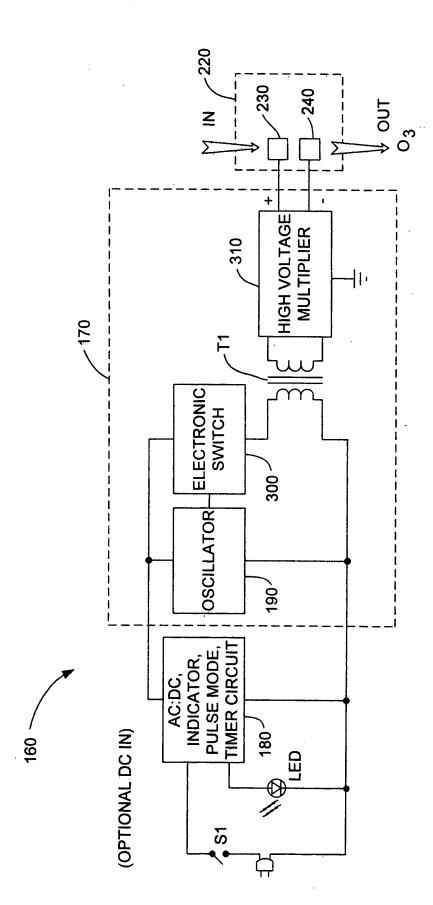


FIG. - 4A

Dual Input and Outlet Electrostatic Air Transporter-Conditioner Title: Inventor(s): Sinaiko, et al. Docket No.: SHPR-01041USR Attorney: Suvashis Bhattacharya (415) 362-3800 Serial No.: 10/074,549 Confirm No:6755 Phone: Filed: February 12, 2002 Replacement Sheet 10 of 45 SIT30 BLOCK DIAGRAM **GERMICIDAL LAMP** 218 -290 110V EMI **ELECTRONIC** AC **FILTERS BALLAST** -115 110 112 160 Vdc DC 101 > **POWER** 12 Vdc **SUPPLY** <u>114</u> **FIG. - 4B** 170 160 Vdc 116 126 **AIRFLOW** VOLTAGE|⊕ **MODULATING** CIRCUIT 120 **DOUBLER IGBT** 118 **CONVERTER** Θ 230 **OSCILLATOR** LO 124 MID POWERSETTING DISABLE **CIRCUIT** HI 122 (CONTINOUS) 2 WEEK **AMBER TIMER CLEANING ARC RED** SENSING CIRCUIT 132 **OVERLOAD BOOST TIMER** (5 MIN) 128 FIG. - 4C

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Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al. Inventor(s): Sinaiko, et al. Attorney: Suvashis Bhattacharya (415) 362-3800 Serial No.: 10/074,549

Confirm No:6755 Phone:

Filed: February 12, 2002 Replacement Sheet 11 of 45

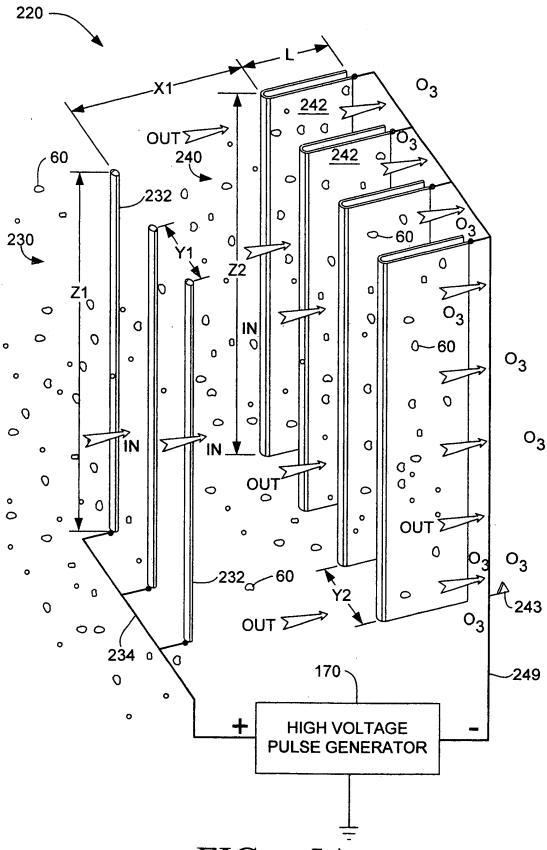


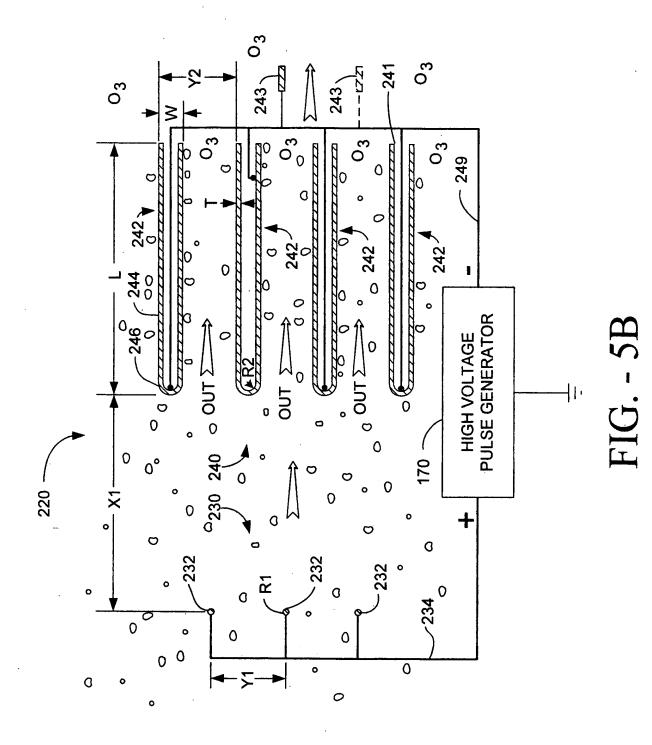
FIG. - 5A

FEB 2 6 2004

Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner
Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al.
Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya
Confirm No:6755 Phone: (415) 362-3800

Confirm No:6755 Filed: February 12, 2002

Replacement Sheet 12 of 45

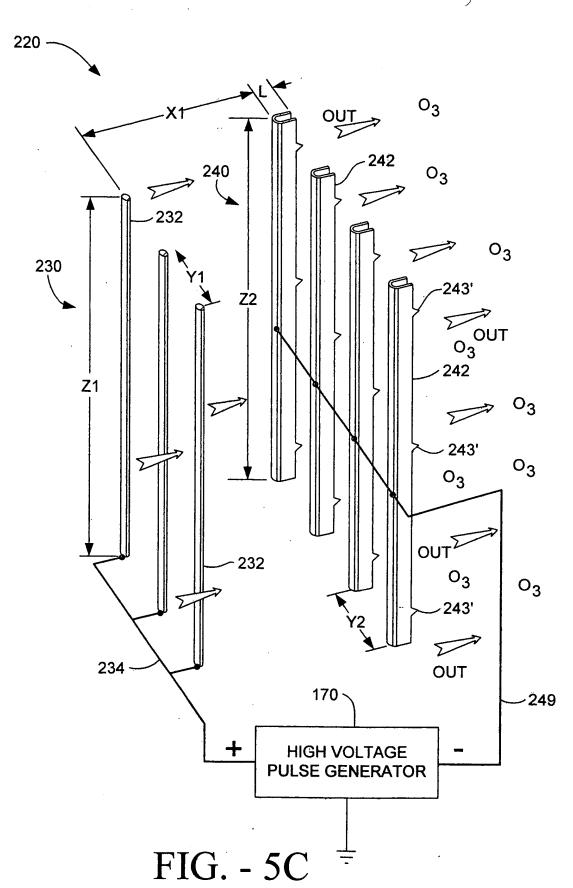


Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al. Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya

(415) 362-3800 Confirm No:6755 Phone:

Filed: February 12, 2002

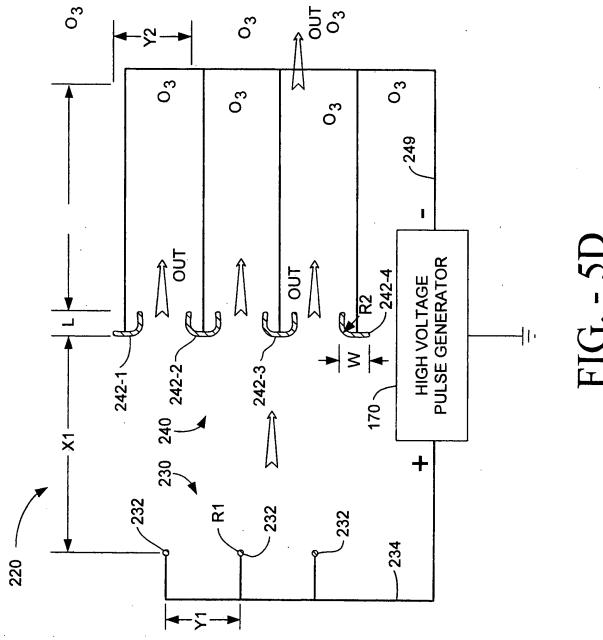
Replacement Sheet 13 of 45





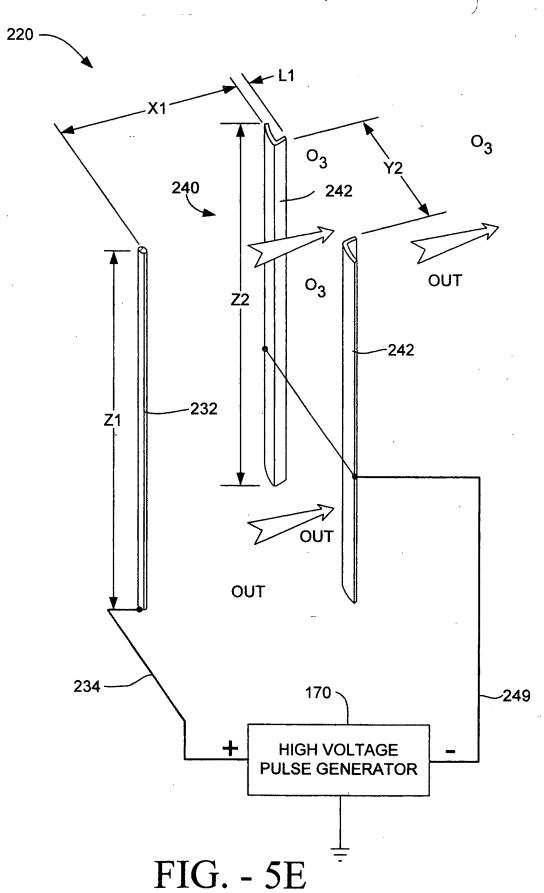
Confirm No:6755 Filed: February 12, 2002

Replacement Sheet 14 of 45



Filed: February 12, 2002

Replacement Sheet 15 of 45





Filed: February 12, 2002

Replacement Sheet 16 of 45

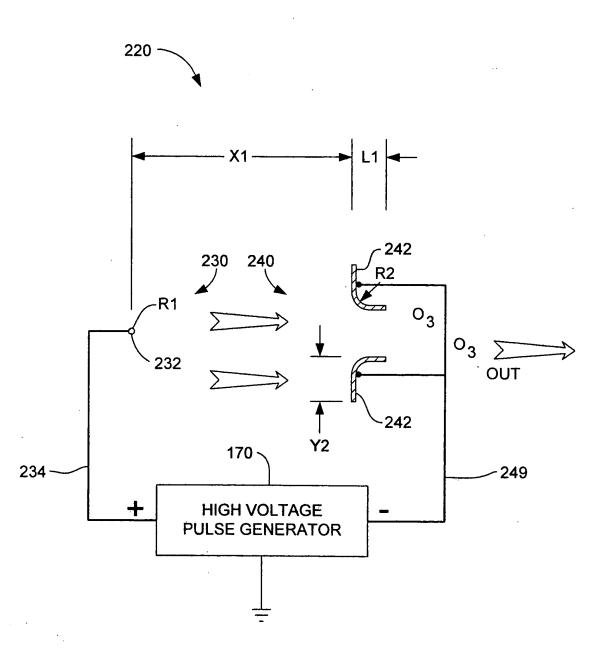
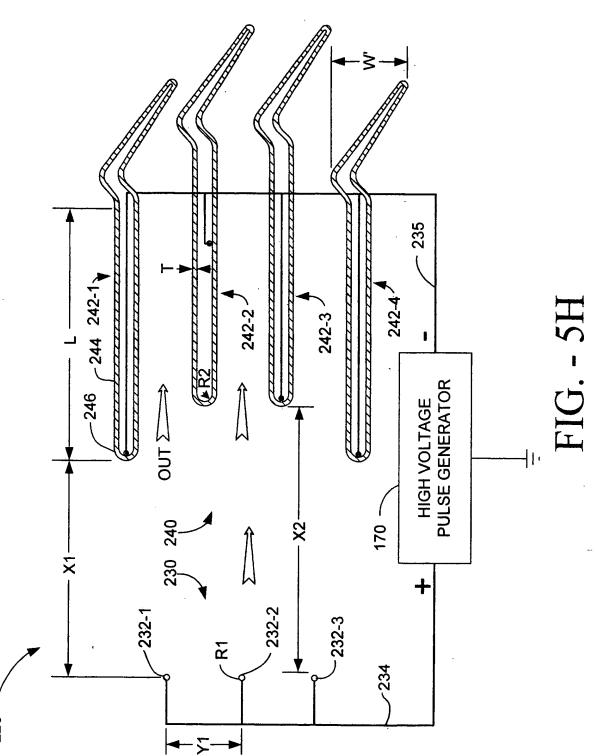


FIG. - 5F

Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner
Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al.
Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya
Confirm No:6755 Phone: (415) 362-3800 FEB 2 6 2004 Filed: February 12, 2002 Replacement Sheet 17 of 45 THE THADE 220 -242-1 OUTS 240 232-1 230 **Z**2 **Z**1 ₽ IN out^Σ 232-2 232-3 OUT 2 294 234 244 170 -235 + **HIGH VOLTAGE PULSE GENERATOR** FIG. - 5G



Replacement Sheet 18 of 45



FEB 2 6 2004 B

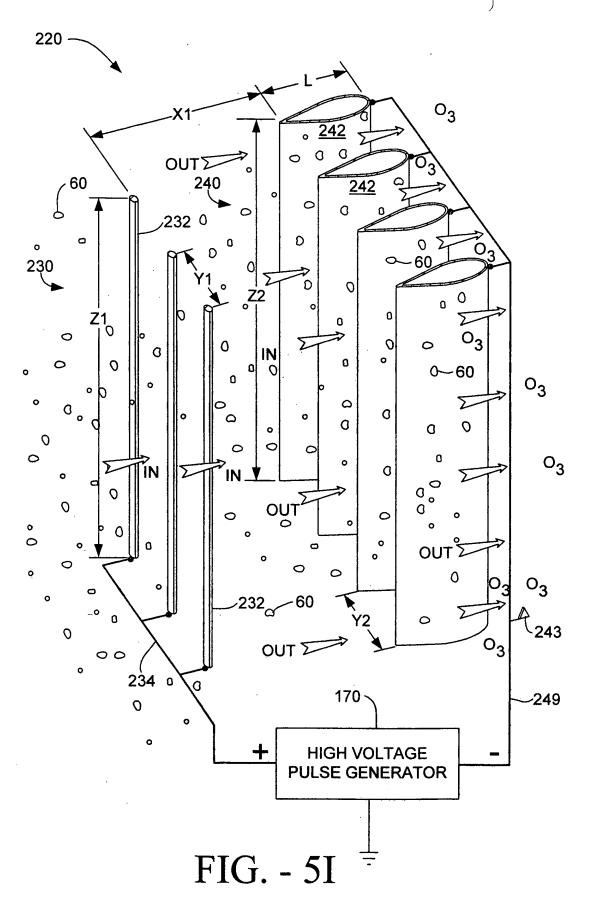
Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al.

Serial No.: 10/074,549 Confirm No:6755

4,549 Attorney: Suvashis Bhattacharya Phone: (415) 362-3800

Confirm No:6755 Phone: (415) 362-380 Filed: February 12, 2002

Replacement Sheet 19 of 45

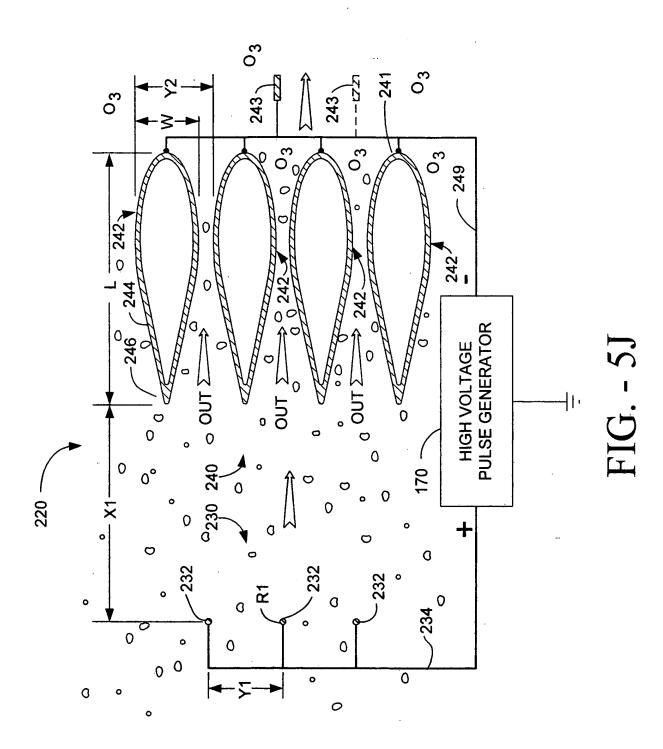


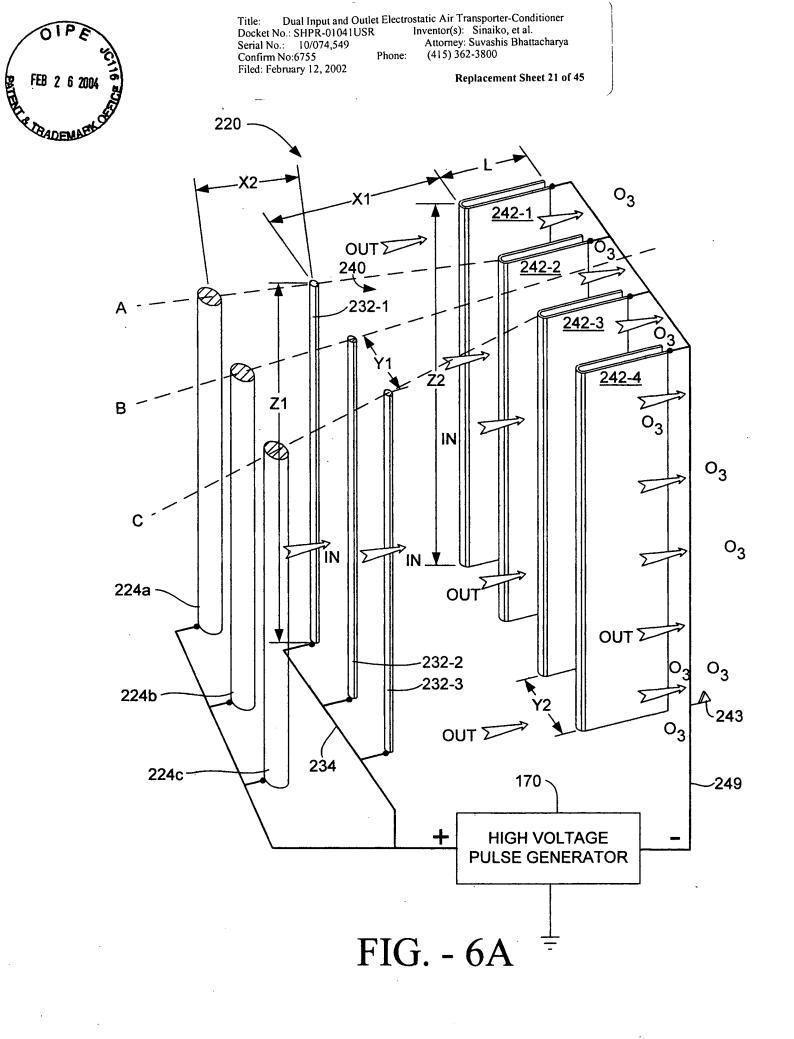


Confirm No:6755 Filed: February 12, 2002

Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner
Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al.
Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya
Confirm No:6755 Phone: (415) 362-3800

Replacement Sheet 20 of 45



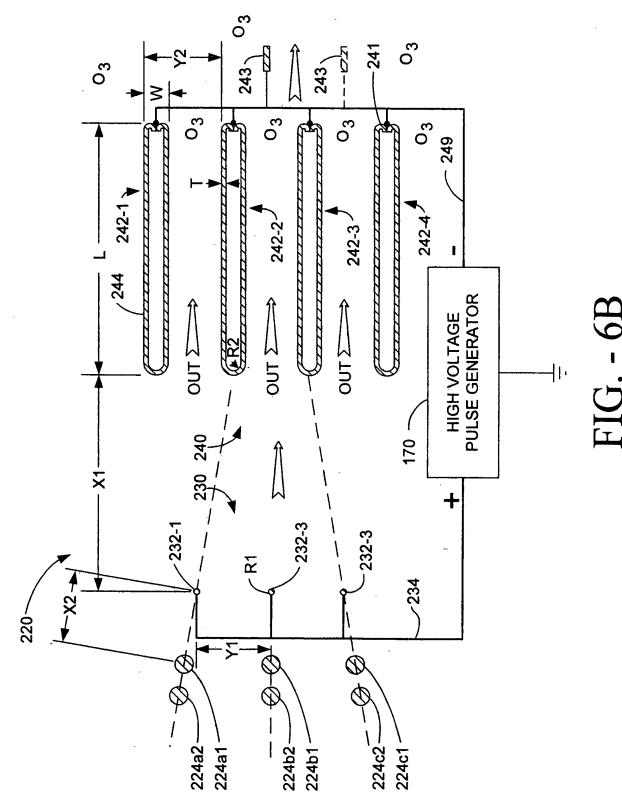


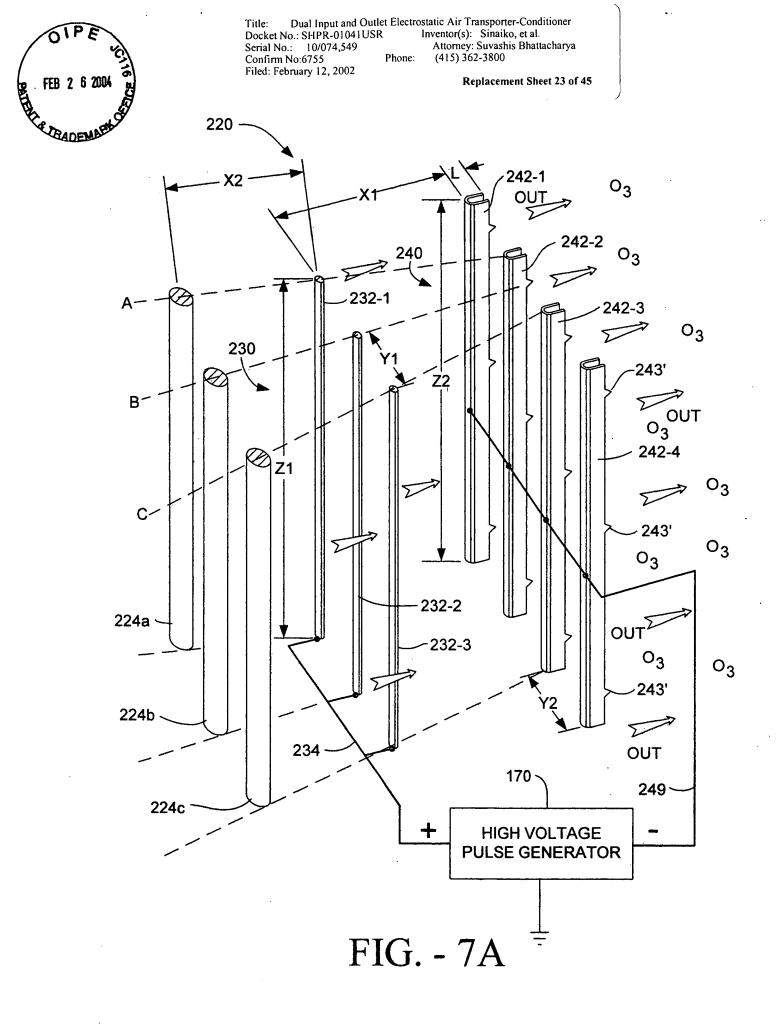
THE PRADEMS

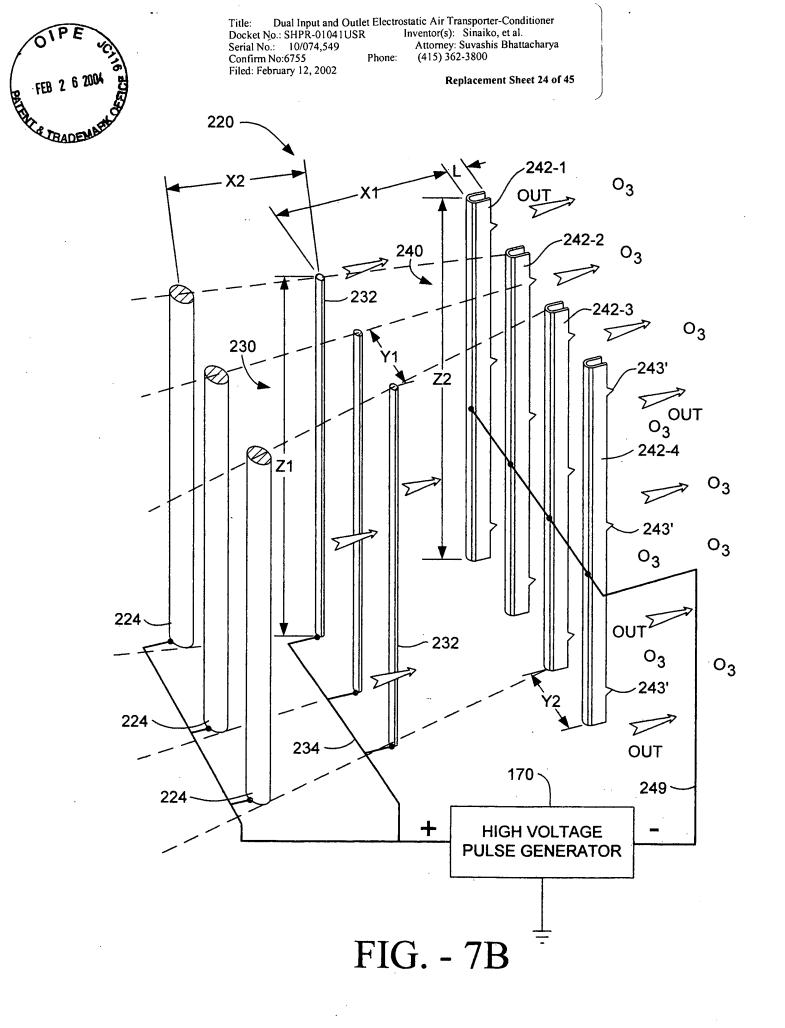
Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner
Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al.
Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya
Confirm No:6755 Phone: (415) 362-3800

Confirm No:6755 Filed: February 12, 2002

Replacement Sheet 22 of 45







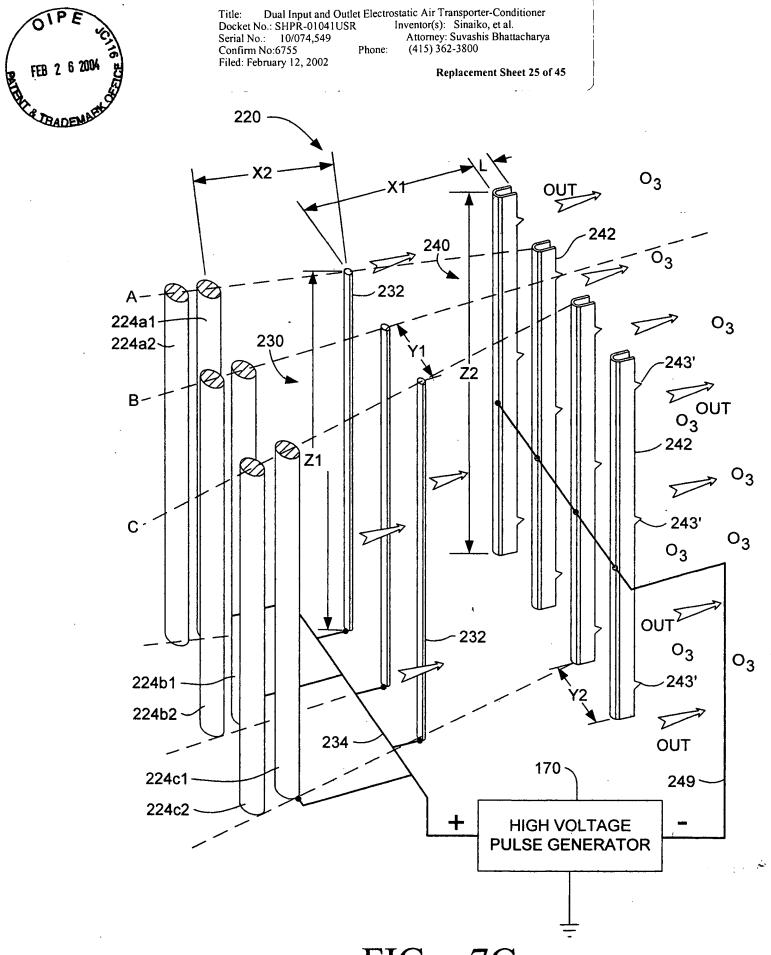
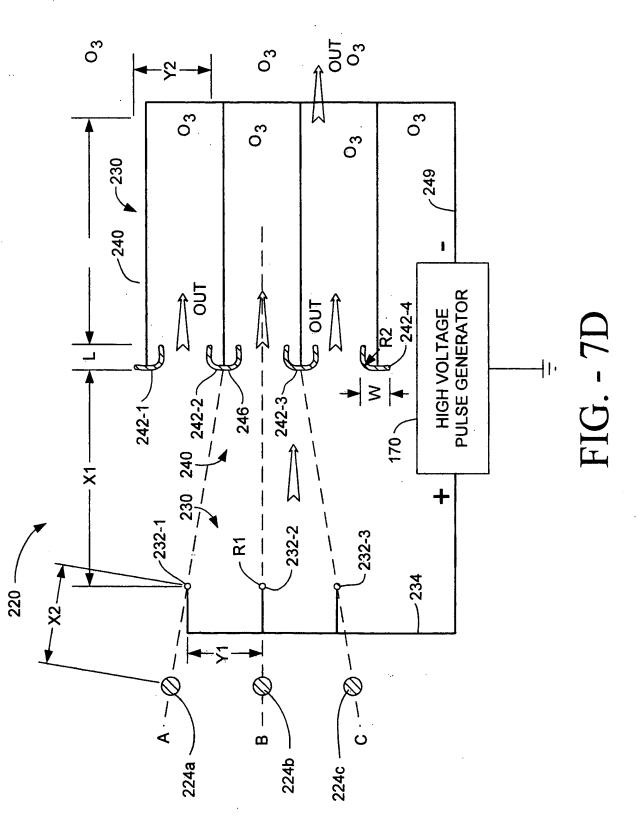
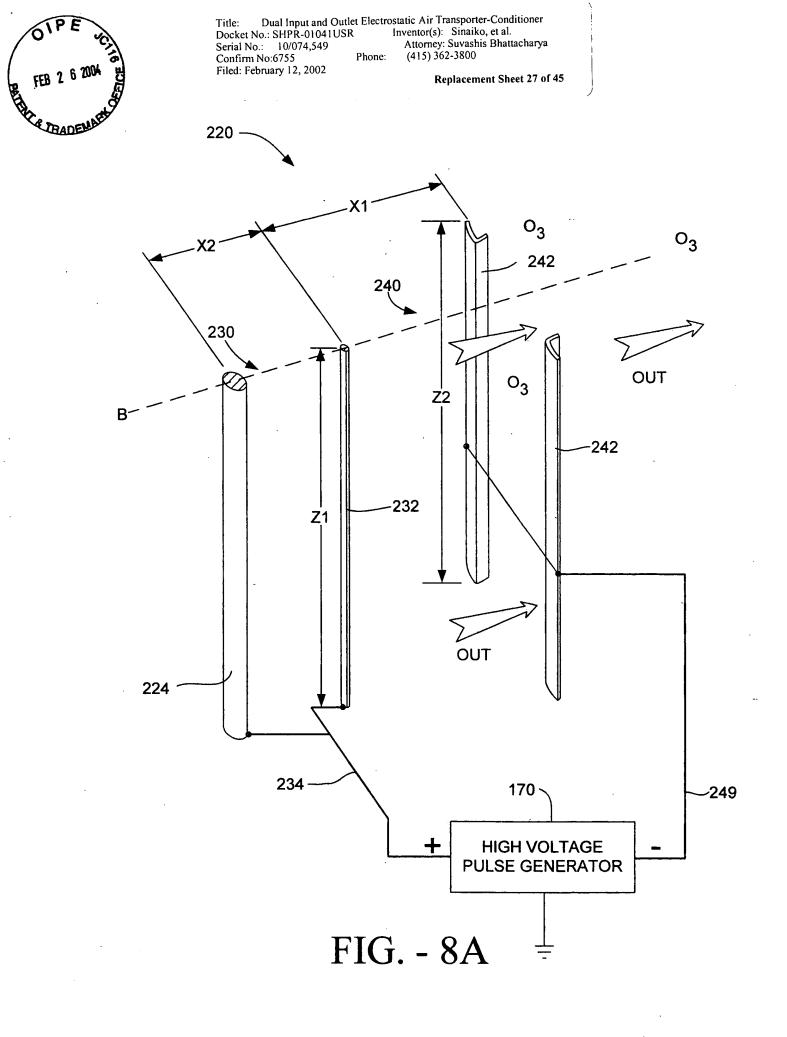
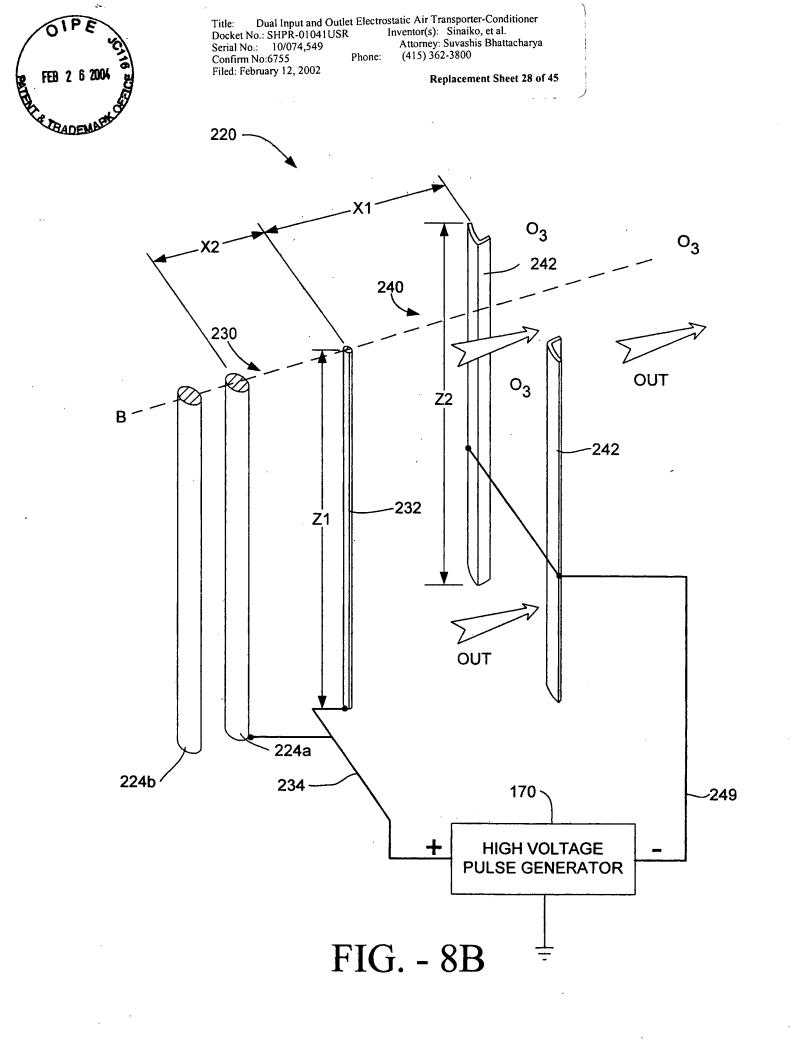


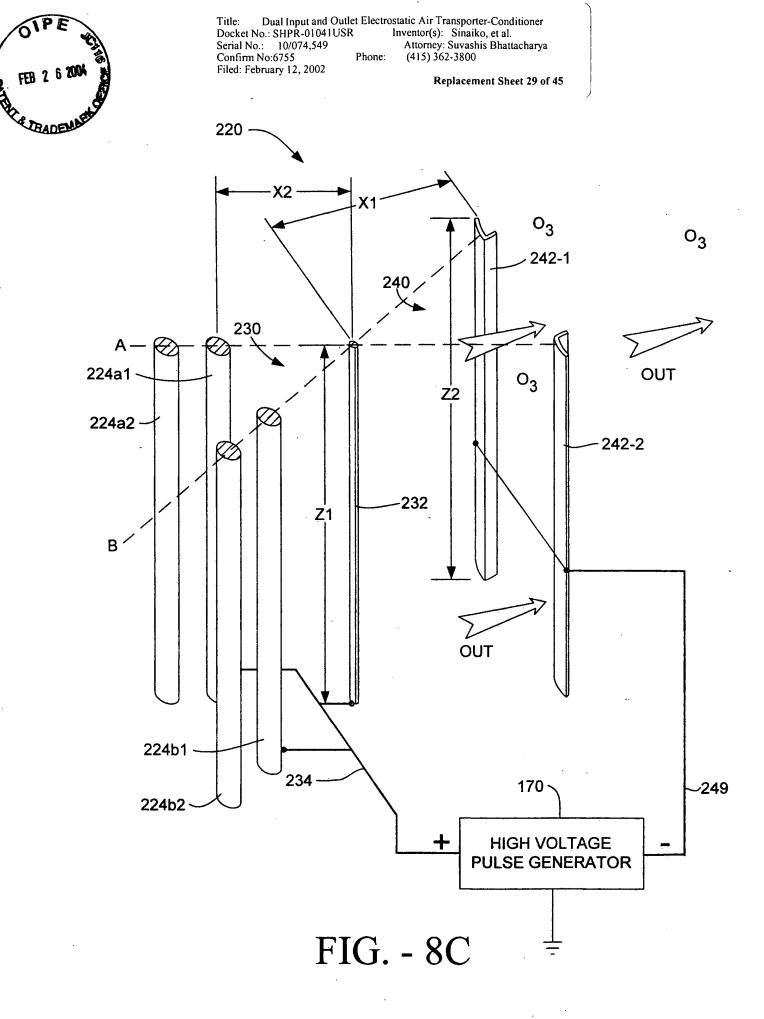
FIG. - 7C

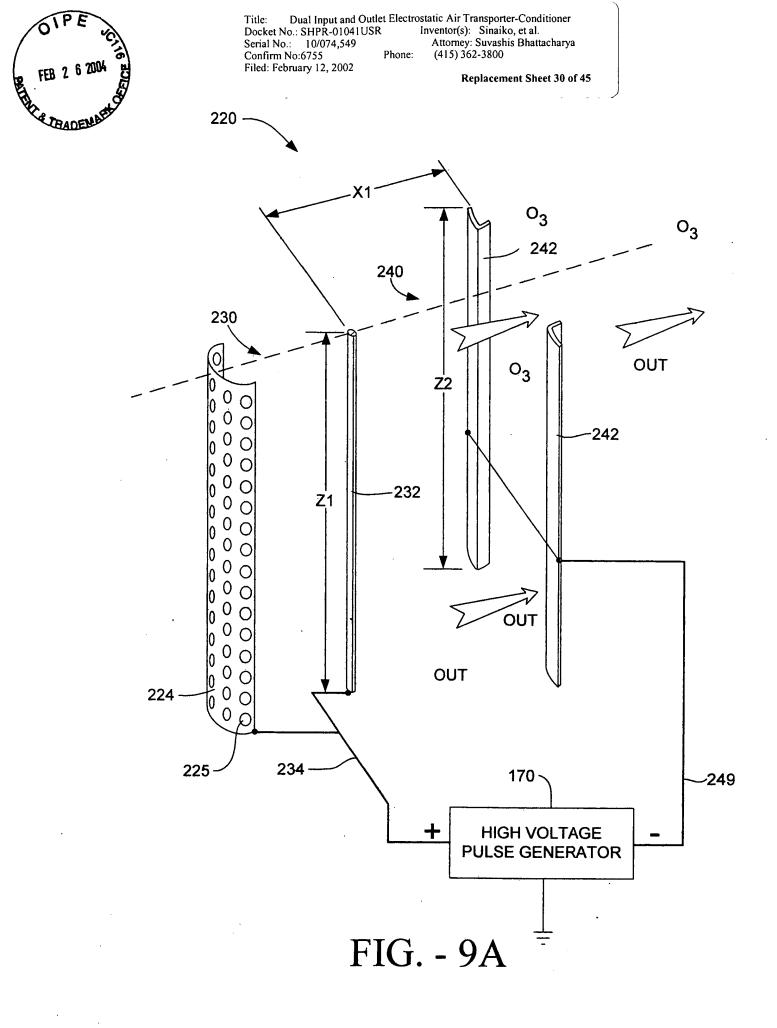
Replacement Sheet 26 of 45









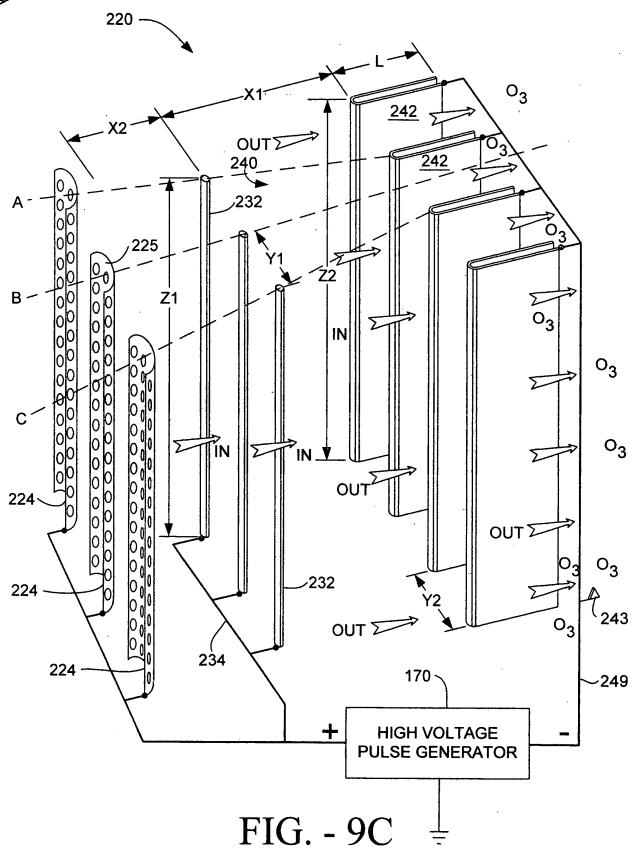


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Title: Dual Input and Outlet Electrostatic Air Transporter-Conditioner
Docket No.: SHPR-01041USR Inventor(s): Sinaiko, et al.
Serial No.: 10/074,549 Attorney: Suvashis Bhattacharya
Confirm No:6755 Phone: (415) 362-3800

Filed: February 12, 2002

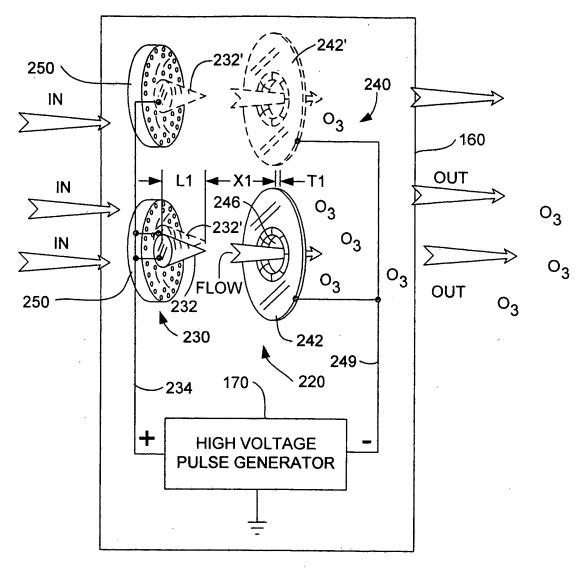
Replacement Sheet 31 of 45





Confirm No:6755 Phone: (415) 362-3800 Filed: February 12, 2002

Replacement Sheet 32 of 45



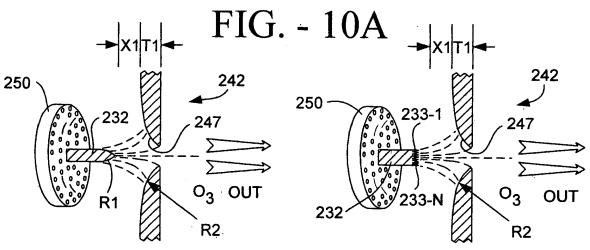
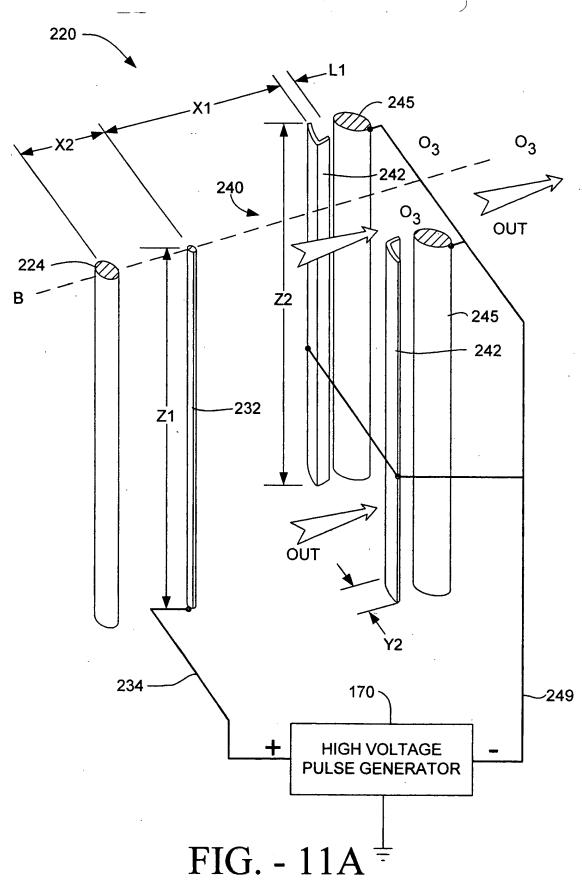


FIG. - 10B

FIG. - 10C

Confirm No:6755 Filed: February 12, 2002

Replacement Sheet 33 of 45





Filed: February 12, 2002

Replacement Sheet 34 of 45

220 242 230 240 -R1 232 224 242 **Y2** 170 234 249 **HIGH VOLTAGE** PULSE GENERATOR

FIG. - 11B



Confirm No:6755 Phone:

Filed: February 12, 2002

Replacement Sheet 35 of 45

(415) 362-3800

220

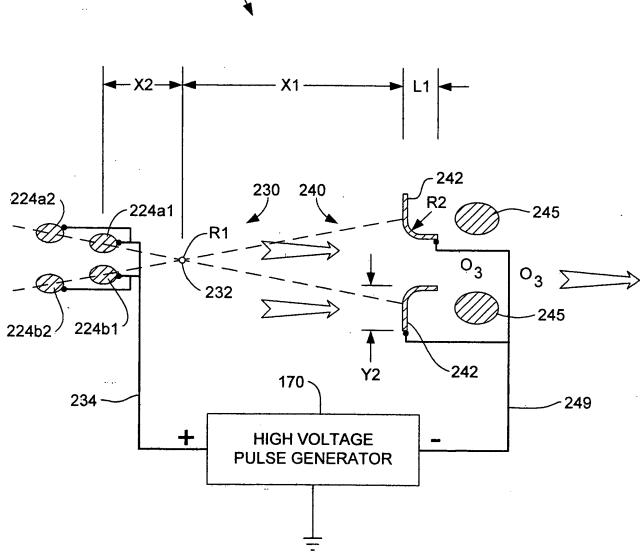


FIG. - 11C



Filed: February 12, 2002

Replacement Sheet 36 of 45

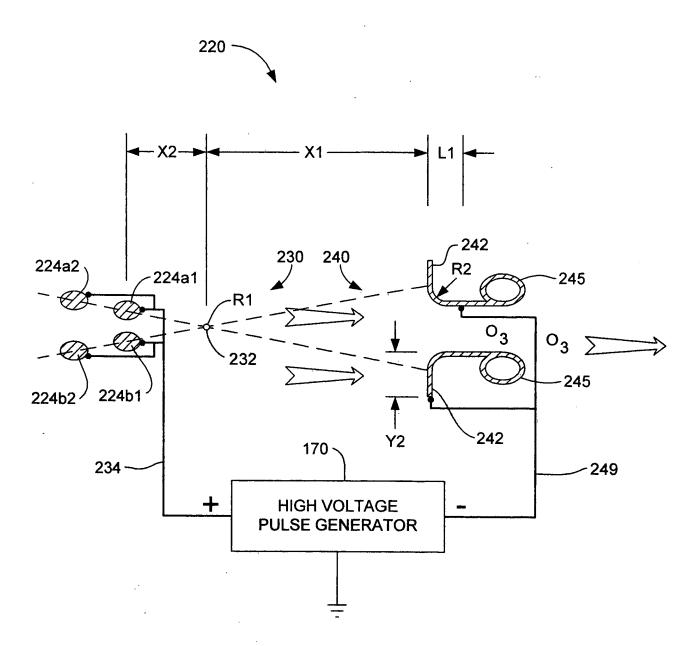


FIG. - 11D

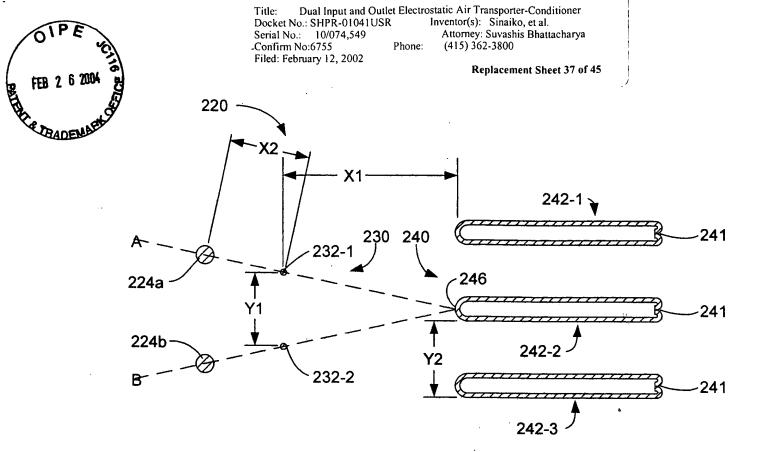


FIG. - 12A

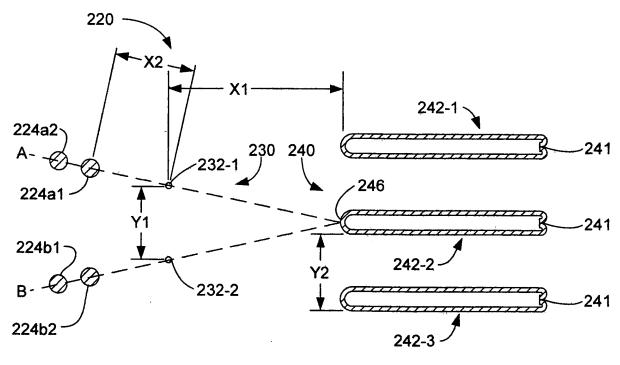


FIG. - 12B

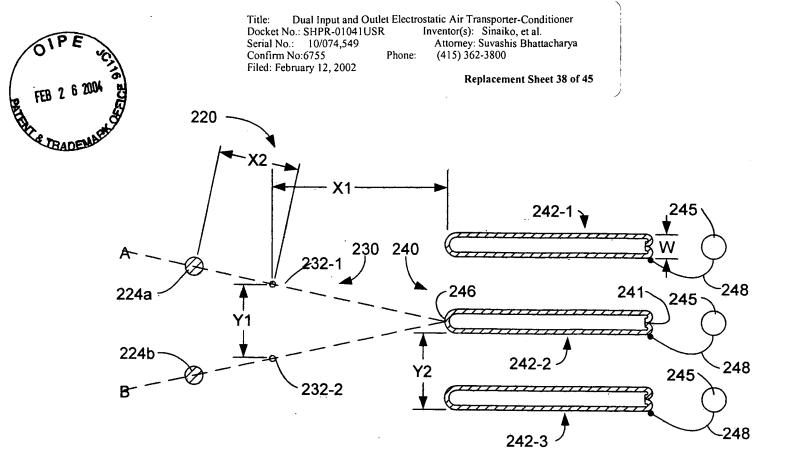


FIG. - 12C

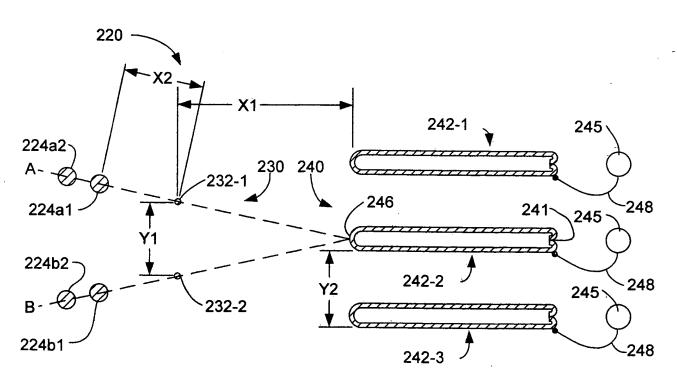


FIG. - 12D

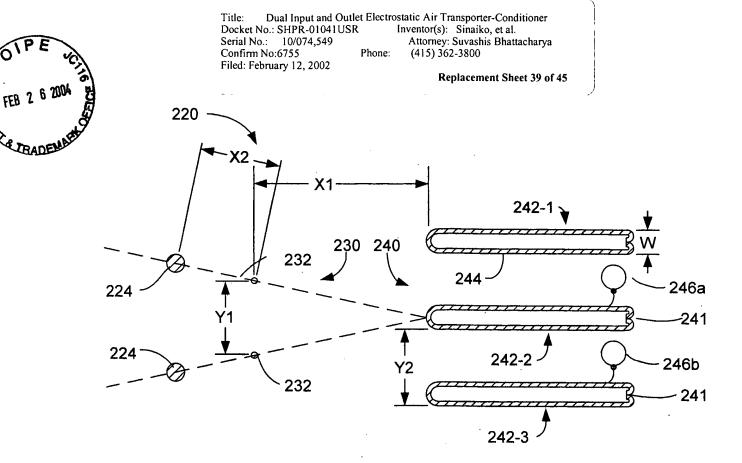


FIG. - 12E

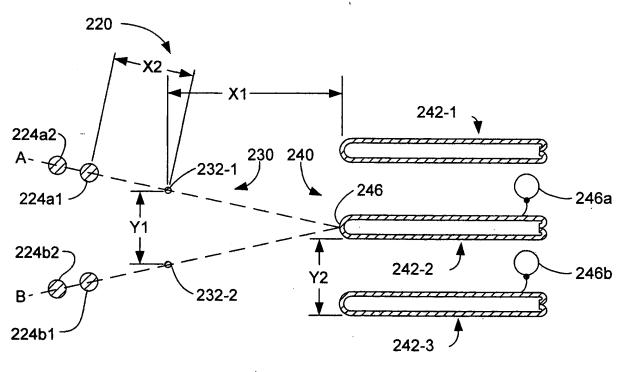
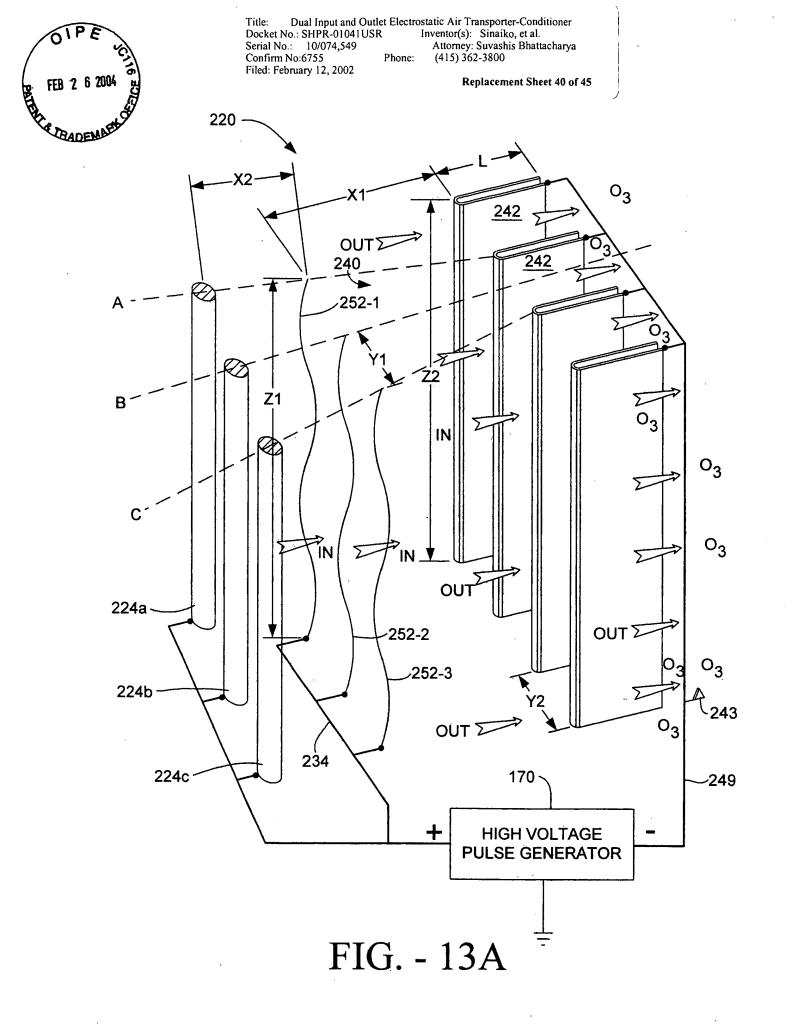


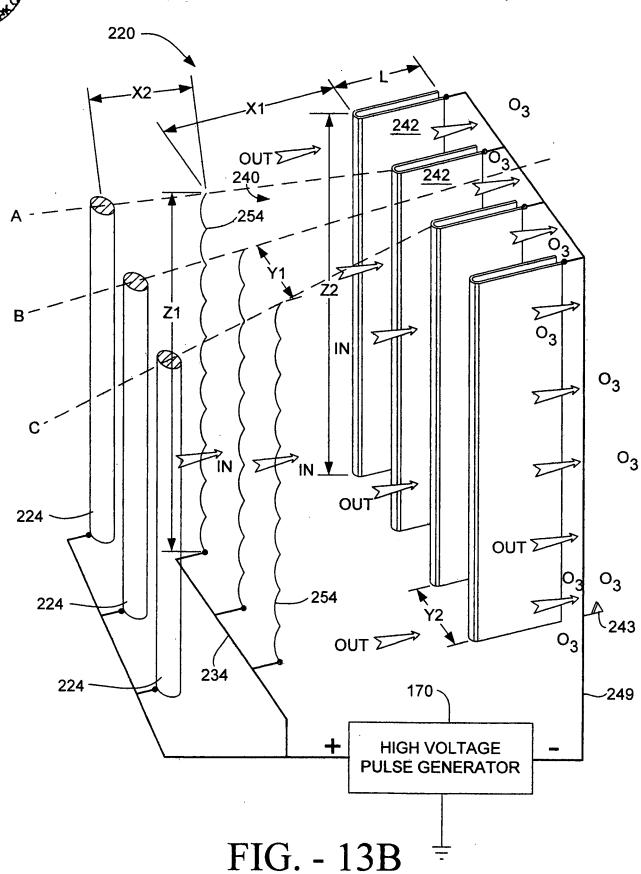
FIG. - 12F

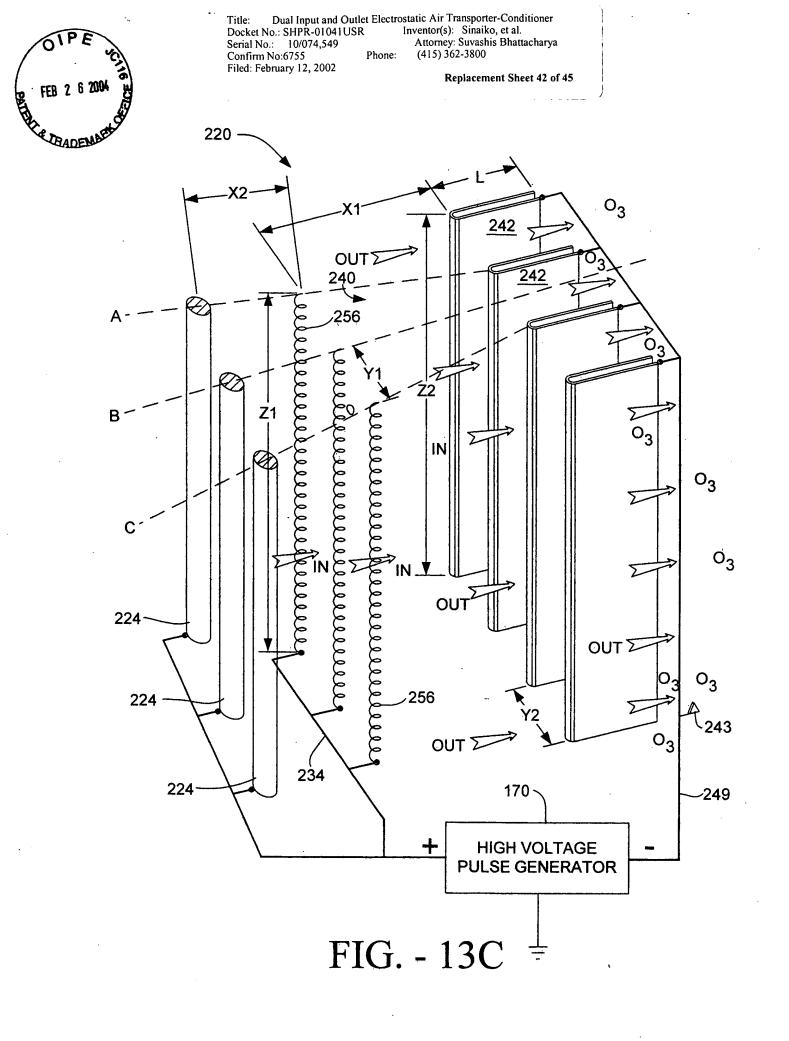


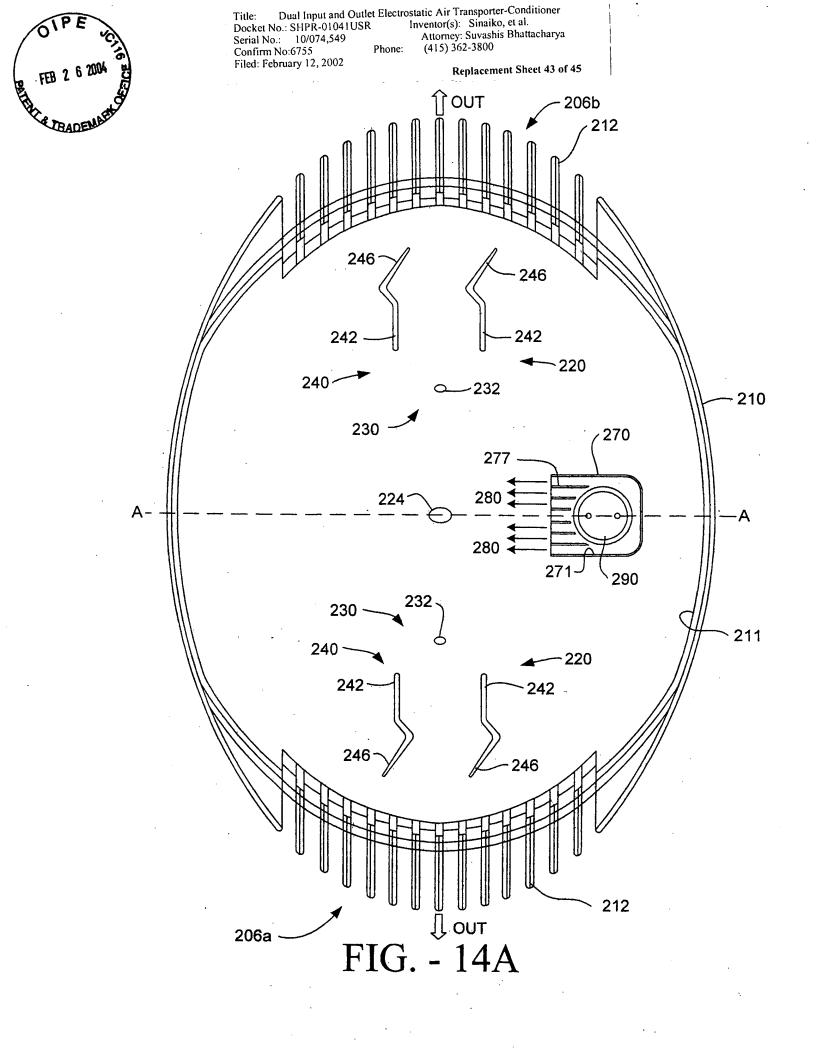
Docket No.: SHPR-01041USR Serial No.: 10/074,549 Phone: Confirm No:6755 FEB 2 6 2004 Filed: February 12, 2002 THADEW' 220 -

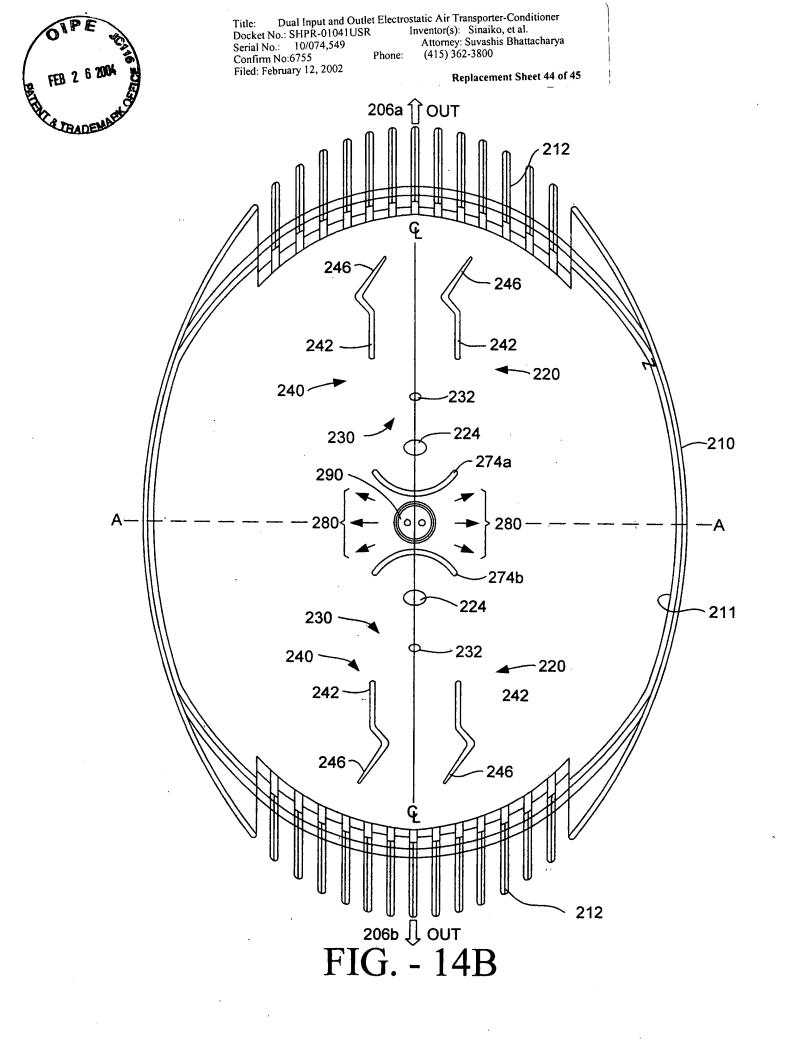
(415) 362-3800

Replacement Sheet 41 of 45











Replacement Sheet 45 of 45

